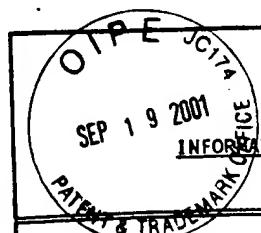


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Page 1 of 25



FORM PTO-1449
ON DISCLOSURE STATEMENT

ATTY. DOCKET NO. 5817-70

APPLICATION NUMBER 1600/2900
Not Yet Assigned

APPLICANT
Harrington et al.

FILING DATE
... Concurrently Herewith

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Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
RR	AA1	5,024,939	06/18/1991	Gorman	435	69.1	09/25/1987
	AB1	5,272,071	12/21/1993	Chappel	435	172.3	05/28/1992
	AC1	5,547,933	08/20/1996	Lin	514	8	06/07/1995
	AD1	5,561,053	10/01/1996	Crowley	435	69.1	08/05/1994
	AE1	5,578,461	11/26/1996	Sherwin et al.	435	69.1	08/05/1993
	AF1	5,580,734	12/03/1996	Treco et al.	435	6	09/06/1994
	AG1	5,618,698	04/08/1997	Lin	435	69.4	06/06/1995
	AH1	5,621,080	04/15/1997	Lin	530	350	06/06/1995
	AJ1	5,641,670	06/24/1997	Treco et al.	435	240.2	05/13/1994
	AJ1	5,677,170	10/14/1997	Devine et al.	435	320.1	03/02/1994
002	AK1	5,683,905	11/04/1997	Capon et al.	435	320.1	05/23/1995

FOREIGN PATENT DOCUMENTS

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RWS	AL1	WO 90/14092	11/29/1990	WIPO			Yes No
	AM1	WO 91/01140	02/07/1991	WIPO			Yes No
	AN1	WO 91/06667	05/16/1991	WIPO			Yes No
	A01	WO 92/19255	11/12/1992	WIPO			Yes No
RWS	AP1	WO 92/20808	11/26/1992	WIPO			Yes No

OTHER (including Author, Title, Date, Pertinent Pages, etc.)

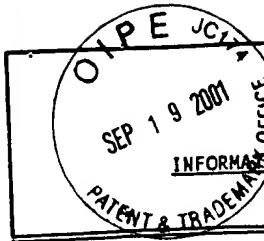
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RRS	AR	1	Ashe, M.P., et al., "Poly(A) site selection in the HIV-1 provirus: inhibition of promoter-proximal polyadenylation by the downstream major splice donor site," <i>Genes & Develop.</i> 9:3008-3025 (1995).
1	AS	1	Auch, D., and Reth, M., "Exon trap cloning: using PCR to rapidly detect and clone exons from genomic DNA fragments," <i>Nucl. Acids Res.</i> 18:6743-6744 (1990).
RRS	AT	1	Avouustin, P., et al., "Non-homologous recombination within the Major Histocompatibility Complex creates a transcribed hybrid sequence," <i>Mammalian Genome</i> 5(12):771-776 (1994).

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Page 2 of 25



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.

5817-70

APPLICATION NO. 08/820,000/2900
TECHNOLOGY NOT ASSIGNED

APPLICANT

Harrington et al.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
RJS	AA2	5,707,830	01/13/1998	Calos	435	69.1	04/02/1997
	AB2	5,728,551	03/17/1998	Devine et al.	435	91.41	03/02/1995
	AC2	5,733,746	03/31/1998	Treco et al.	435	69.6	03/17/1995
	AD2	5,733,761	03/31/1998	Treco et al.	435	172.3	05/26/1995
	AE2	5,783,385	07/21/1998	Treco et al.	435	6	09/06/1994
	AF2	5,789,215	08/04/1998	Berns et al.	435	172.3	08/07/1997
	AG2	5,830,698	11/03/1998	Reff et al.	435	69.1	03/14/1997
RJS	AH2	5,843,772	12/01/1998	Devine et al.	435	320.1	06/10/1996
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	AM2	WO 94/12650	06/09/1994	WIPO			Yes No
	AN2	AU 71893/94	06/30/1994	Australia			Yes No
	AO2	FR 2 707 091	01/06/1995	France			Yes No
RJS	AP2	WO 95/31560	11/23/1995	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RJS	AR	2	Barker, C.S., et al., "Activation of the Prolactin Receptor Gene by Promoter Insertion in a Moloney Murine Leukemia Virus-Induced Rat Thymoma," <i>J. Virol.</i> 66(11):6763-6768 (1992).
	AS	2	Black, A.C., et al., "HTLV-II Rex Binding and Activity Requires an Intact Splice Donor Site and a Specific RNA Secondary Structure," <i>AIDS Res. & Human Retroviruses</i> 8:870 (1992).
RJS	AT	2	Brikun, I., et al., "Analysis of CRP-CytR Interactions at the <i>Escherichia coli</i> <i>uid</i> Promoter," <i>J. Bacteriology</i> 178(6):1614-1622 (March 1996).

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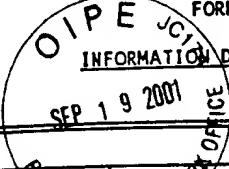
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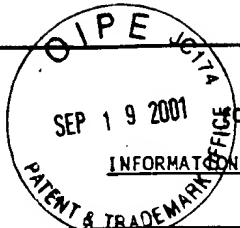
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Page 3 of 25

 OIE PTO-1449 INFORMATION DISCLOSURE STATEMENT SEP 19 2001				ATTY. DOCKET NO.	5817-70	APPLICATION NO.	Not Yet Assigned
				APPLICANT	Harrington et al.	TECH CENTER	1600/2900
				FILING DATE	Concurrently Herewith	GROUP	Not Yet Assigned
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
RPS	AL3	WO 96/04391	02/15/1996	WIPO			Yes No
	AM3	WO 96/29411	09/26/1996	WIPO			Yes No
	AN3	EP 0 742 285 A1	11/13/1996	Europe			Yes No
	AO3	WO 98/14614 A1	04/09/1998	WIPO			Yes No
RPS	AP3	WO 99/07389 A1	02/18/1999	WIPO			Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
RPS	AR	3	Buckler, A.J., et al., "Exon amplification: A strategy to isolate mammalian genes based on RNA splicing," Proc. Natl. Acad. Sci. USA 88:4005-4009 (1991).				
	AS	3	Butturini, A., et al., "Oncogenes in Human Leukemias," Acta Haematologica 78(suppl. 1):2-10 (1987).				
RPS	AT	3	Butturini, A., and Gale, R.P., "Oncogenes and Human Leukemias," Int'l. J. Cell Cloning 6(1):2-24 (1988).				
EXAMINER				RPS		DATE CONSIDERED 4/20/03	

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			APPLICANT	Harrington et al.		
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
PSY	AL4	WO 99/15650 A1	04/01/1999	WIPO			Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

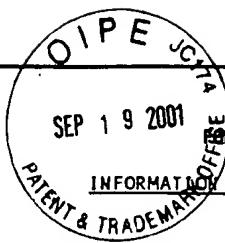
RR	AR	4	Chakraborty, A.K., et al., "Transforming function of proto-ras genes depends on heterologous promoters and is enhanced by specific point mutations," Proc. Natl. Acad. Sci. USA 88:2217-2221 (1991).
	AS	4	Chang, W., et al., "Enrichment of Insertional Mutants Following Retrovirus Gene Trap Selection," Virol. 193:737-747 (1993).
RR	AT	4	Chow, W.-Y., and Berg, D.E., "Tn5tac1, a derivative of transposon Tn5 that generates conditional mutations," Proc. Natl. Acad. Sci. USA 85:6468-6472 (1988).

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AN						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

Rdg	AR	5	Church, D.M., et al., "Isolation of genes from complex sources of mammalian genomic DNA using exon amplification," <i>Nature Genetics</i> 6:98-105 (1994).
/	AS	5	Crabb, B.S., and Cowman, A.F., "Characterization of promoters and stable transfection by homologous and nonhomologous recombination in <i>Plasmodium falciparum</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 93:7289-7294 (July 1996).
Rdg	AT	5	Datson, N.A., et al., "Specific isolation of 3'-terminal exons of human genes by exon trapping," <i>Nucl. Acids Res.</i> 22(20):4148-4153 (1994).

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INFORMATION DISCLOSURE STATEMENT
SEP 19 2001

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		Not Yet Assigned
APPLICANT	Harrington et al.	
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AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RNG	AR	6	Datson, N.A., et al., "Scanning for genes in large genomic regions: cosmid-based exon trapping of multiple exons in a single product," <i>Nucl. Acids Res.</i> 24:1105-1111 (March 1996).
	AS	6	De Benedetti, A., and Rhoads, R.E., "A novel BK virus-based episomal vector for expression of foreign genes in mammalian cells," <i>Nucl. Acids Res.</i> 19:1925-1931 (1991).
RNG	AT	6	Dickson, C., et al., "Tumorigenesis by Mouse Mammary Tumor Virus: Proviral Activation of a Cellular Gene in the Common Integration Region int-2," <i>Cell</i> 37:529-536 (1984).

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FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT
SEP 19 2001

ATTY. DOCKET NO. 5817-7Q APPLICATION NO. Not Yet Assigned

APPLICANT
Harrington et al.

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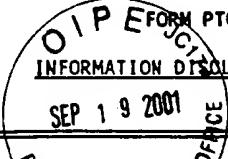
RPM	AR	7	Dostatni, N., et al., "Use of Retroviral Vectors for Mapping of Splice Sites in Cottontail Rabbit Papillomavirus," <i>J. Gen. Virol.</i> 69:3093-3100 (1988).
	AS	7	Duesberg, P.H., et al., "Cancer Genes by Non-Homologous Recombination," In: <i>Boundaries between Promotion and Progression during Carcinogenesis</i> , Sudilovsky, O., et al., eds., Plenum Press, New York, NY, pp. 197-211 (1991).
RPM	AT	7	Duyk, G.M., et al., "Exon trapping: A genetic screen to identify candidate transcribed sequences in cloned mammalian genomic DNA," <i>Proc. Natl. Acad. Sci. USA</i> 87:8995-8999 (1990).

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				ATTY. DOCKET NO.	5817-70	APPLICATION NO.
				APPLICANT	Harrington et al.	
				FILING DATE	Concurrently Herewith	
U.S. PATENT DOCUMENTS				GROUP	Not Yet Assigned	
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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AO						Yes No
AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)						
RAS	AR	8	Frankel, W., et al., "Retroviral insertional mutagenesis of a target allele in a heterozygous murine cell line," Proc. Natl. Acad. Sci. USA 82:6600-6604 (1985).			
	AS	8	Fujisawa, J.-I., et al., "Functional activation of the long terminal repeat of human T-cell leukemia virus type I by a trans-acting factor," Proc. Natl. Acad. Sci. USA 82:2277-2281 (1985).			
RAS	AT	8	Fung, Y.-K.T., et al., "Activation of the Cellular Oncogene c-erbB by LTR Insertion: Molecular Basis for Induction of Erythroblastosis by Avian Leukosis Virus," Cell 33:357-368 (1983).			
EXAMINER				DATE CONSIDERED 4/20/03		

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O I P FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT
SEP 19 2001

ATTY. DOCKET NO. 5817-7Q

APPLICATION NO.
Not Yet AssignedAPPLICANT
Harrington et al.FILING DATE
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RM	AR	9	Goff, S.P., "Gene Isolation by Retroviral Tagging," <i>Meth. Enzymology</i> 152:469-481 (1987).
	AS	9	Hayward, W.S., et al., "Activation of a cellular onc gene by promoter insertion in ALV-induced lymphoid leukosis," <i>Nature</i> 290:475-480 (1981).
RM	AT	9	Jackson, I.J., "A reappraisal of non-consensus mRNA splice sites," <i>Nucl. Acids Res.</i> 19(14):3795-3798 (1991).

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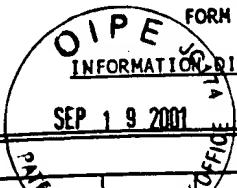
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<p style="text-align: center;">O P E INFORMATION DISCLOSURE STATEMENT SEP 19 2001</p>				ATTY. DOCKET NO.	APPLICATION NO. Not Yet Assigned		
				APPLICANT Harrington et al.			
				FILING DATE Concurrently Herewith	GROUP Not Yet Assigned		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
RR	AR	10	Joshi, S., "A Putative Approach for Cloning 'Silent' Genes Using Retroviral Vectors," <i>Med. Hypoth.</i> 36:242-245 (1991).				
	AS	10	Joyner, A.L., "Gene Targeting and Gene Trap Screens Using Embryonic Stem Cells: New Approaches to Mammalian Development," <i>BioEssays</i> 13:649-656 (1991).				
PK	AT	10	Junejo, F., et al., "Sequence analysis of the herpes simplex virus type 1 strain 17 variants 1704, 1705 and 1706 with respect to their origin and effect on the latency-associated transcript sequence," <i>J. Gen. Virol.</i> 72:2311-2315 (1991).				
EXAMINER					DATE CONSIDERED 4/26/03		
<p>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.</p>							

FORM PTO-1449
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ATTY. DOCKET NO.

5817-70

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AN						Yes No
AO						Yes No
AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RM	AR	11	King, W., et al., "Insertion Mutagenesis of Embryonal Carcinoma Cells by Retroviruses," <i>Science</i> 228:554-558 (1985).
	AS	11	Kreissig, S., et al., "Expression of peptides encoded by exons in cloned mammalian DNA," <i>Nucl. Acids Res.</i> 24:4358-4359 (November 1996).
RA	AT	11	Lemay, G., and Jolicoeur, P., "Rearrangement of a DNA sequence homologous to a cell-virus junction fragment in several Moloney murine leukemia virus-induced rat thymomas," <i>Proc. Natl. Acad. Sci. USA</i> 81:38-42 (1984).

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DATE CONSIDERED

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		5817-70	Not Yet Assigned
		APPLICANT Harrington et al.	
FILING DATE Concurrently Herewith	GROUP Not Yet Assigned		

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	TRADEMARK OFFICE	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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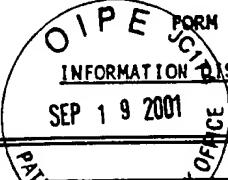
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<i>RS</i>	AR	<u>12</u>	Liang, Y., et al., "Effects of Alternate RNA Splicing on Glucokinase Isoform Activities in the Pancreatic Islet, Liver, and Pituitary," <i>J. Biol. Chem.</i> 266(11):6999-7007 (1991).
<i>RS</i>	AS	<u>12</u>	Lih, C.-J., et al., "Rapid identification and isolation of transcriptionally active regions from mouse genomes," <i>Gene</i> 164:289-294 (1995).
<i>RS</i>	AT	<u>12</u>	Liu, Z., et al., "The E6 Gene of Human Papillomavirus Type 16 Is Sufficient for Transformation of Baby Rat Kidney Cells in Cotransfection with Activated Ha-ras," <i>Virology</i> 201:388-396 (1994).

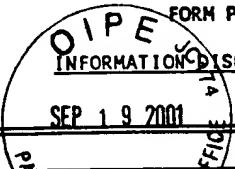
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				APPLICANT	Harrington et al.		
				FILING DATE	Concurrently Herewith		
				GROUP	Not Yet Assigned		
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EXAMINER INITIAL	TRADEMARK OFFICE	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>RS</i>	AR	<u>13</u>	Mölders, H., et al., "Integration of transfected LTR sequences into the c-raf proto-oncogene: activation by promoter insertion," <i>EMBO J.</i> 4(3):693-698 (1985).				
<i>RS</i>	AS	<u>13</u>	Moore, R., et al., "Sequence, topography and protein coding potential of mouse int-2: a putative oncogene activated by mouse mammary tumour virus," <i>EMBO J.</i> 5(5):919-924 (1986).				
<i>RS</i>	AT	<u>13</u>	Müller, R., and Müller, D., "Co-transfection of normal NIH/3T3 DNA and retroviral LTR sequences: a novel strategy for the detection of potential c-onc genes," <i>EMBO J.</i> 3(5):1121-1127 (1984).				
EXAMINER	<i>RS</i>				DATE CONSIDERED		<i>4/10/83</i>

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

		ATTY. DOCKET NO.	5817-7Q	APPLICATION NO.	Not Yet Assigned
		APPLICANT	Harrington et al.		
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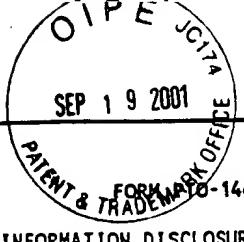
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>RM</i>	AR	<u>14</u>	Muth, K., et al., "Disruption of Genes Regulated During Hematopoietic Differentiation of Mouse Embryonic Stem Cells," <i>Develop. Dynamics</i> 212:277-283 (June 1998).
<i>RAG</i>	AS	<u>14</u>	Neel, B.G., et al., "Molecular Analysis of the c-myc Locus in Normal Tissue and in Avian Leukosis Virus-Induced Lymphomas," <i>J. Virol.</i> 44(1):158-166 (1982).
<i>RAG</i>	AT	<u>14</u>	Nicolas, J.-F., and Rubenstein, J.L.R., "Retroviral Vectors," In: <i>Vectors: A Survey of Molecular Cloning Vectors and Their Uses</i> , Rodriguez, R.L., et al., eds., Butterworths Publs., Stoneham, MA, pp. 493-513 (1988).

EXAMINER *RAG* DATE CONSIDERED *10/20/03*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.	5817-7Q	APPLICATION NO.
			Not Yet Assigned
	APPLICANT	Harrington et al.	
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	AM						Yes No
	AN						Yes No
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RR	AR	15	Nilssen, T.W., et al., "c-erbB Activation in ALV-Induced Erythroleukemia: Novel RNA Processing and Promoter Insertion Result in Expression of an Amino-Truncated EGF Receptor," Cell 41:719-726 (1985).
	AS	15	Niwa, H., et al., "An Efficient Gene-Trap Method Using Poly A Trap Vectors and Characterization of Gene-Trap Events," J. Biochem. 113:343-349 (1993).
RR	AT	15	Nottenburg, C., and Varmus, H.E., "Features of the Chicken c-myc Gene That Influence the Structure of c-myc RNA in Normal Cells and Bursal Lymphomas," Mol. Cell. Biol. 6(8):2800-2806 (1986).

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DATE CONSIDERED 4/16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<p>01 PTO/P-1449 INFORMATION DISCLOSURE STATEMENT SEP 19 2001</p>		ATTY. DOCKET NO.	5817-70	APPLICATION NO.	Not Yet Assigned
		APPLICANT	Harrington et al.		
		FILING DATE	Concurrently Herewith		
		GROUP	Not Yet Assigned		

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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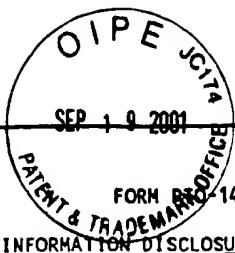
<i>RL</i>	AR	<u>16</u>	Nouvel, P., "The mammalian genome shaping activity of reverse transcriptase," <i>Genetica</i> 93:191-201 (1994).
<i>RL</i>	AS	<u>16</u>	Nusse, R., "The activation of cellular oncogenes by retroviral insertion," <i>Trends in Genetics</i> 2:244-247 (1986).
<i>ZM</i>	AT	<u>16</u>	Nusse, R., and Berns, A., "Cellular Oncogene Activation by Insertion of Retroviral DNA; Genes Identified by Proivirus Tagging," In: <i>Cellular Oncogenes Activation</i> , Klein, G., ed., Marcel Dekker, Inc., New York, NY, pp. 95-119 (1988).

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4/26/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



ATTY. DOCKET NO. 5817-7Q

APPLICATION NO.
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>MS</i>	AR	17	Payne, G.S., et al., "Multiple arrangements of viral DNA and an activated host oncogene in bursal lymphomas," <i>Nature</i> 295:209-215 (1982).
<i>U</i>	AS	17	Peters, G., et al., "Tumorigenesis by Mouse Mammary Tumor Virus: Evidence for a Common Region for Provirus Integration in Mammary Tumors," <i>Cell</i> 33:369-377 (1983).
<i>MS</i>	AT	17	Petitclerc, D., et al., "The effect of various introns and transcription terminators on the efficiency of expression vectors in various cultured cell lines and in the mammary gland of transgenic mice," <i>J. Biotechnol.</i> 40:169-178 (1995).

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<p style="text-align: center;">O P E R A T I O N S INFORMATION DISCLOSURE STATEMENT SEP 19 2001</p>				ATTY. DOCKET NO.	5817-7Q	APPLICATION NO.	
				APPLICANT	Harrington et al.		
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AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>PNB</i>	AR	<u>18</u>	Reinhart, T.A., et al., "RNA Splice Site Utilization by Simian Immunodeficiency Viruses Derived from Sooty Mangabey Monkeys," <i>Virology</i> 224:338-344 (October 1, 1996).				
<i>PNB</i>	AS	<u>18</u>	Robinson, W.S., "Molecular Events in the Pathogenesis of Hepadnavirus-Associated Hepatocellular Carcinoma," <i>Annu. Rev. Med.</i> 45:297-323 (1994).				
<i>PNB</i>	AT	<u>18</u>	Salminen, M., et al., "Efficient Poly A Trap Approach Allows the Capture of Genes Specifically Active in Differentiated Embryonic Stem Cells and in Mouse Embryos," <i>Develop. Dynamics</i> 212:326-333 (June 1998).				
EXAMINER <i>PNB</i>					DATE CONSIDERED <u>4/20/03</u>		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<p style="text-align: center;">O P F O R M F O C 449 INFORMATION DISCLOSURE STATEMENT SEP 19 2001</p>		ATTY. DOCKET NO. 5817-7Q		APPLICATION NO. Not Yet Assigned
		APPLICANT Harrington et al.		GROUP
		FILING DATE Concurrently Herewith		Not Yet Assigned

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AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>RNG</i>	AR	<u>19</u>	Segal, D., et al., "Genetic Transformation of <i>Drosophila</i> Cells in Culture by P Element-Mediated Transposition," <i>Somatic Cell and Mol. Genetics</i> 22(2):159-165 (March 1996).
<i>1</i>	AS	<u>19</u>	Shen-Ong, G.L.C., et al., "Activation of the c-myb Locus by Viral Insertional Mutagenesis in Plasmacytoid Lymphosarcomas," <i>Science</i> 226:1077-1080 (1984).
<i>PM</i>	AT	<u>19</u>	Shen-Ong, G.L.C., et al., "Two Modes of c-myb Activation in Virus-Induced Mouse Myeloid Tumors," <i>Mol. Cell. Biol.</i> 6(2):380-392 (1986).

EXAMINER	DATE CONSIDERED
<i>PM</i>	<i>4/20/03</i>

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



INFORMATION DISCLOSURE STATEMENT

Page 20 of 25

ATTY. DOCKET NO.

5817-70

APPLICATION NO.

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APPLICANT

Harrington et al.

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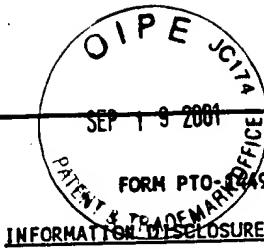
<i>RA</i>	AR	<u>20</u>	Shin, S., and Steffen, D.L., "Frequent activation of the <i>lck</i> gene by promoter insertion and aberrant splicing in murine leukemia virus-induced rat lymphomas," <i>Oncogene</i> 8:141-149 (1993).
<i>RA</i>	AS	<u>20</u>	Simpson, K., et al., "Stable Episomal Maintenance of Yeast Artificial Chromosomes in Human Cells," <i>Mol. Cell. Biol.</i> 16:5117-5126 (September 1996).
<i>RA</i>	AT	<u>20</u>	Stary, A., and Sarasin, A., "Simian virus 40 (SV40) large T antigen-dependent amplification of an Epstein-Barr virus-SV40 hybrid shuttle vector integrated into the human HeLa cell genome," <i>J. Gen. Virol.</i> 73:1679-1685 (1992).

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ATTY. DOCKET NO.	5817-70	APPLICATION NO.
		Not Yet Assigned
APPLICANT	Harrington et al.	
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AM						No
AN						Yes
AO						No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>RM</i>	AR	21	Steffen, D., "Proviruses are adjacent to c-myc in some murine leukemia virus-induced lymphomas," Proc. Natl. Acad. Sci. USA 81:2097-2101 (1984).
<i>AS</i>	AS	21	Sun, T.-Q., et al., "Human artificial episomal chromosomes for cloning large DNA fragments in human cells," Nature Genetics 8:33-41 (1994).
<i>AT</i>	AT	21	Takami, Y., et al., "Cloning and Characterization of Human Papillomavirus Type 52 From Cervical Carcinoma in Indonesia," Int. J. Cancer 48:516-522 (1991).

EXAMINER *RM* DATE CONSIDERED *4/10/01*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 INFO DISCLOSURE STATEMENT SEP 19 2001				ATTY. DOCKET NO.	5817-7Q	APPLICATION NO.	Not Yet Assigned
				APPLICANT	Harrington et al.		
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>RH</i>	AR	22	Tashiro, S., et al., "Identification of illegitimate recombination hot spot of the retinoic acid receptor alpha gene involved in 15;17 chromosomal translocation of acute promyelocytic leukemia," <i>Oncogene</i> 9:1939-1945 (1994).				
<i>AS</i>	AS	22	Tsichlis, P.N., et al., "A common region for proviral DNA integration in MoMuLV-induced rat thymic lymphomas," <i>Nature</i> 302:445-449 (1983).				
<i>AT</i>	AT	22	Unger, R.E., et al., "Simian Immunodeficiency Virus (SIVmac) Exhibits Complex Splicing for tat, rev, and env mRNA," <i>Virology</i> 182:177-185 (1991).				
EXAMINER <i>RH</i>				DATE CONSIDERED <i>4/20/03</i>			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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		APPLICANT Harrington et al.	FILING DATE Concurrently Herewith
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AO						No
AP						Yes

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>RLS</i>	AR	<u>23</u>	van Ooyen, A., and Nusse, R., "Structure and Nucleotide Sequence of the Putative Mammary Oncogene int-1; Proviral Insertions Leave the Protein-Encoding Domain Intact," <i>Cell</i> 39:233-240 (1984).
<i>RLS</i>	AS	<u>23</u>	Voss, A.K., et al., "Efficiency Assessment of the Gene Trap Approach," <i>Develop. Dynamics</i> 212:171-180 (June 1998).
<i>RLS</i>	AT	<u>23</u>	Westphal, E.M., et al., "A System for Shuttling 200-kb BAC/PAC Clones into Human Cells: Stable Extrachromosomal Persistence and Long-Term Ectopic Gene Activation," <i>Human Gene Ther.</i> 9:1863-1873 (September 1998).

EXAMINER	<i>RLS</i>	DATE CONSIDERED	<u>4/20/03</u>
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM RTO-1449 TYPE INFORMATION DISCLOSURE STATEMENT SEP 19 2001	ATTY. DOCKET NO.	5817-7Q	APPLICATION NO.
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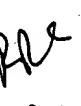
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AO						Yes No
AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	24	Xiong, J.-W., et al., "Large-Scale Screening for Developmental Genes in Embryonic Stem Cells and Embryoid Bodies Using Retroviral Entrapment Vectors," <i>Develop. Dynamics</i> 212:181-197 (June 1998).
	AS	24	Zhou, H., and Duesberg, P.H., "A retroviral promoter is sufficient to convert proto-SRC to a transforming gene that is distinct from the SRC gene of Rous sarcoma virus," <i>Proc. Natl. Acad. Sci. USA</i> 87:9128-9132 (1990).
	AT	24	Dialog File 351, Derwent WPI English language abstract for FR 2 707 091.

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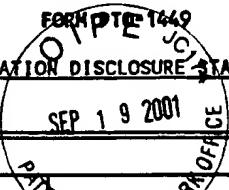
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4/25/03

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		APPLICANT	Harrington et al.	FILING DATE	Concurrently Herewith



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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<p style="text-align: right;">RU</p>	AR	25	Drug Discovery News, "Lexicon Genetics, Inc.," Genetic Engin. News 19:35 (March 1999).
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DATE CONSIDERED

4/20/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/518,997
Filing Date	February 26, 2000
First Named Inventor	Harrington, John J.
Group Art Unit	1632
Examiner Name	Brunovskis, P.
Attorney Docket Number	0221-0003Q

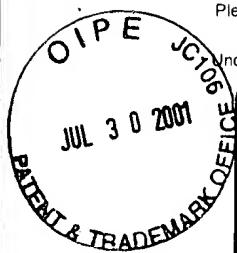
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Examiner Signature	RNG	Date Considered	4/20/02
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RDS	AR26	HAY, Bruce A., et al., "P Element Insertion-Dependent Gene Activation In The Drosophila Eye," Proc. Natl. Acad. Sci. USA, 94:5195-5200 (May 1997)	
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